

generating a program table in accordance with the program information input at said program information inputting step and displaying the program table on a display device;

designating an arbitrary program in the program table; and

extracting a digital image signal of the program designated at said designating step from the television broadcasting signal and displaying an image of the extracted program on the display device.

REMARKS

Applicant respectfully requests reconsideration of the present application in view of the foregoing amendments and the following remarks.

Claims 1-21, and 23-42 are pending in the present application. Claims 1, 6, 11, 12, 26, and 32-44 are the independent claims.

Claim 22 has been cancelled without prejudice to or disclaimer of the subject matter recited therein. Claims 12-19, 21, 23-26, 32, 35, and 41 have been amended. No new matter has been added.

Applicants submit that the present application is in condition for allowance. Favorable consideration of the claims and an early passage to issue of the present application are requested.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below listed address.

Respectfully submitted,



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VERSION WITH MARKINGS TO SHOW CHANGES MADE TO THE CLAIMS

12. (Amended) A receiving apparatus comprising:

receiving means for receiving a television broadcasting signal in which
[information] video signals of a plurality of broadcasting programs and program guide
information of the plurality of broadcasting programs are multiplexed;

extraction means for extracting the program guide information from the television
broadcasting signal received by said receiving means;

[program information] input means for inputting [program] selection guide
information of a program selected from the plurality of broadcasting programs, from an external
apparatus; and

program table generating means for generating a first program table indicating the
plurality of broadcasting programs, on the basis of the program guide information extracted by
said extraction means and generating a second program table indicating the selected program, in
accordance with the [program] selection guide information input [to] by said [program
information] input means [and outputting data representative of the program table].

13. (Amended) A receiving apparatus according to claim 12, further
comprising control means for judging [from the program information] whether said receiving
means can receive the [information signal of the selected] program corresponding to the
selection guide information and for controlling [a generation process of the program table by]

said program table generating means in accordance with a judgement result so as to change contents of the second program table.

14. (Amended) A receiving apparatus according to claim 13, wherein the [program] selection guide information includes time information representative of a broadcasting time of the selected program, and said control means controls said program table generating means to inhibit [a display of] a program [judged that the] whose broadcasting time judged is incompatible, from being displayed in the second program table.

15. (Amended) A receiving apparatus according to claim 12, wherein the [program] selection guide information includes service information indicating a type of broadcasting service of the selected program, and said control means controls said program table generating means to inhibit [a display of] a program of broadcasting service [having a different type of broadcasting service] whose type is different from that receivable by [the] said receiving apparatus, from being displayed in the second program table.

16. (Amended) A receiving apparatus according to claim 13, wherein the [program] selection guide information includes pay-per-view information indicating the selected program is a pay-per-view program, and said control means performs a judgement process in accordance with the pay-per-view information.

17. (Amended) A receiving apparatus according to claim 13, wherein the [program] selection guide information includes audio-visual restriction information including audio-visual restriction of the selected program, and said control means performs a judgement process in accordance with the audio-visual restriction information.

18. (Amended) A receiving apparatus according to claim 13, further comprising recording means for recording [a received information signal] the video signal of the broadcasting program received by said receiving means, and said control means judges whether the [information signal] broadcasting program recorded [in] by said recording means contains the [information signal of the selected] program corresponding to the selection guide information, and controls [a generation process of the program table] said program table generating means to change contents of the second program table on the basis of a judgment result.

19. (Amended) A receiving apparatus according to claim 12, wherein said [program information] input means inputs a plurality of [program] selection guide information [sets], and said program table generating means generates the second program table [containing only programs of a selected program] on the basis of selection guide information [set] selected from among the plurality of [program] selection guide information [sets].

21. (Amended) A receiving apparatus according to claim [20] 12, wherein said program table generating means [generates the two-dimensional program table in which only the program] displays information of the selected program [is displayed] in a corresponding area of the second program table and inhibits [the program] information of other programs [is inhibited to be] from being displayed in other areas.

22. (Cancelled)

23. (Amended) A receiving apparatus according to claim [20] 12, wherein said program table generating means generates the second program table [in which] by multiplexing a predetermined frame [is multiplexed with] in [a predetermined] an area [of] in the first program table, corresponding to the selected program.

24. (Amended) A receiving apparatus according to claim [20] 12, wherein said program generating means generates the second program table [multiplexed with] by multiplexing a predetermined mark [image] in a predetermined area [of] in the first program table, corresponding to the selected program [in the program table].

25. (Amended) A receiving apparatus according to claim 12, further comprising:

designating means for designating an arbitrary program from a plurality of programs contained in the second program table; and

signal processing means for processing the information signal of a video signal of a program designated by said designating means, among the [information] video signals received by said receiving means.

26. (Amended) A receiving apparatus comprising:

receiving means for receiving a television broadcasting signal in which [information] video signals of a plurality of broadcasting programs are multiplexed;

[information] output means for outputting [information of] the [information] video signal of the broadcasting program received by said receiving means to a display device;

retrieving means for retrieving a program from the plurality of broadcasting programs in accordance with a predetermined condition;

[program information] input means for inputting [program] selection guide information of the program selected from a plurality of broadcasting programs, from an external apparatus; and

program table generating means for generating a program table in accordance with a retrieval result by said retrieving means and the [program] selection guide information

input [to] by said [program information] input means and for outputting [program table] data representative of the program table to said display device.

32. (Amended) A television signal receiving apparatus, comprising:

receiving means for receiving a television broadcasting signal in which [digital] image signals of a plurality of broadcasting programs and program guide information of the plurality of broadcasting programs are multiplexed;

extracting means for extracting the program guide information from the television broadcasting signal received by said receiving means;

[program information] input means for inputting [program] recommendation guide information of a program [selected] recommended from among the plurality of broadcasting programs, from an external apparatus;

program table generating means for generating a first program table indicating the plurality of broadcasting programs, in accordance with the program guide information [input to said program information inputting means and displaying the program table on a display device] extracted by said extracting means and generating means and generating a second program table indicating the recommended program, on the basis of the recommendation guide information input by said input means;

output means for outputting the image signals received by said receiving means and data of the first and second program tables generated by said program table generating means to a display device;

designating means for designating an arbitrary program in the first and second program [table] tables; and

[image processing] controlling means for [extracting a digital image signal of] controlling said receiving means to receive the program designated by said designating means [from the television broadcasting signal] and [displaying an image of the extracted program on the] controlling said output means to output the image signal of the designated broadcasting program to said display device.

35. (Amended) A receiving method for a receiving apparatus comprising the steps of:

receiving a broadcasting signal in which video signals and program information signals of a plurality of programs are multiplexed;

processing the video signal of a program selected from the plurality of programs and outputting the processing video signal to a display device;

extracting program information from the broadcasting signal received at said receiving step;

generating a program table in accordance with the program information extracted at said program information extracting step [means] and outputting data representative of the program table to the display device;

searching the plurality of programs in accordance with a predetermined retrieval condition and selecting a recommended program in accordance with a search result;

generating an output file of the recommended program selected at said selecting step by using the program information of the recommended program among the program information extracted at said program information extracting step; and
transmitting the output file of the recommended program generated at said file generating step to an external apparatus.

41. (Amended) A recording medium storing a program of a receiving method for a receiving apparatus, said receiving method comprising the steps of:

receiving a broadcasting signal in which video signals and program information signals of a plurality of programs are multiplexed;

processing the video signal of a program selected from the plurality of programs and outputting the processed video signal to a display device;

extracting program information from the broadcasting signal received at said receiving step;

generating a program table in accordance with the program information extracted at said program information extracting step [means] and outputting data representative of the program table to the display device;

searching the plurality of programs in accordance with a predetermined retrieval condition and selecting a recommended program in accordance with a search result;

generating an output file of the recommended program selected at said selecting step by using the program information of the recommended program among the program information extracted at said program information extracting step; and

transmitting the output file of the recommended program generated at said file generating step to an external apparatus.

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